

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
9 September 2005 (09.09.2005)

PCT

(10) International Publication Number
WO 2005/082705 A1

(51) International Patent Classification⁷: **B63B 35/73**,
B63C 11/46

(21) International Application Number:
PCT/AU2005/000259

(22) International Filing Date: 25 February 2005 (25.02.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2004900943 26 February 2004 (26.02.2004) AU

(71) Applicant (for all designated States except US): **POLY-
LINE INDUSTRIES PTY LTD** [AU/AU]; Lot 49, Cutler
Road, Jandakot, W.A. 6164 (AU).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **WILKIE, David**
[AU/AU]; Lot 49, Cutler Road, Jandakot, W.A. 6164 (AU).

(74) Agent: **JANET STEAD PATENT & TRADE MARKS
ATTORNEY**; P O Box 2076, Claremont North, W.A. 6010
(AU).

(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ,
TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA,
ZM, ZW.

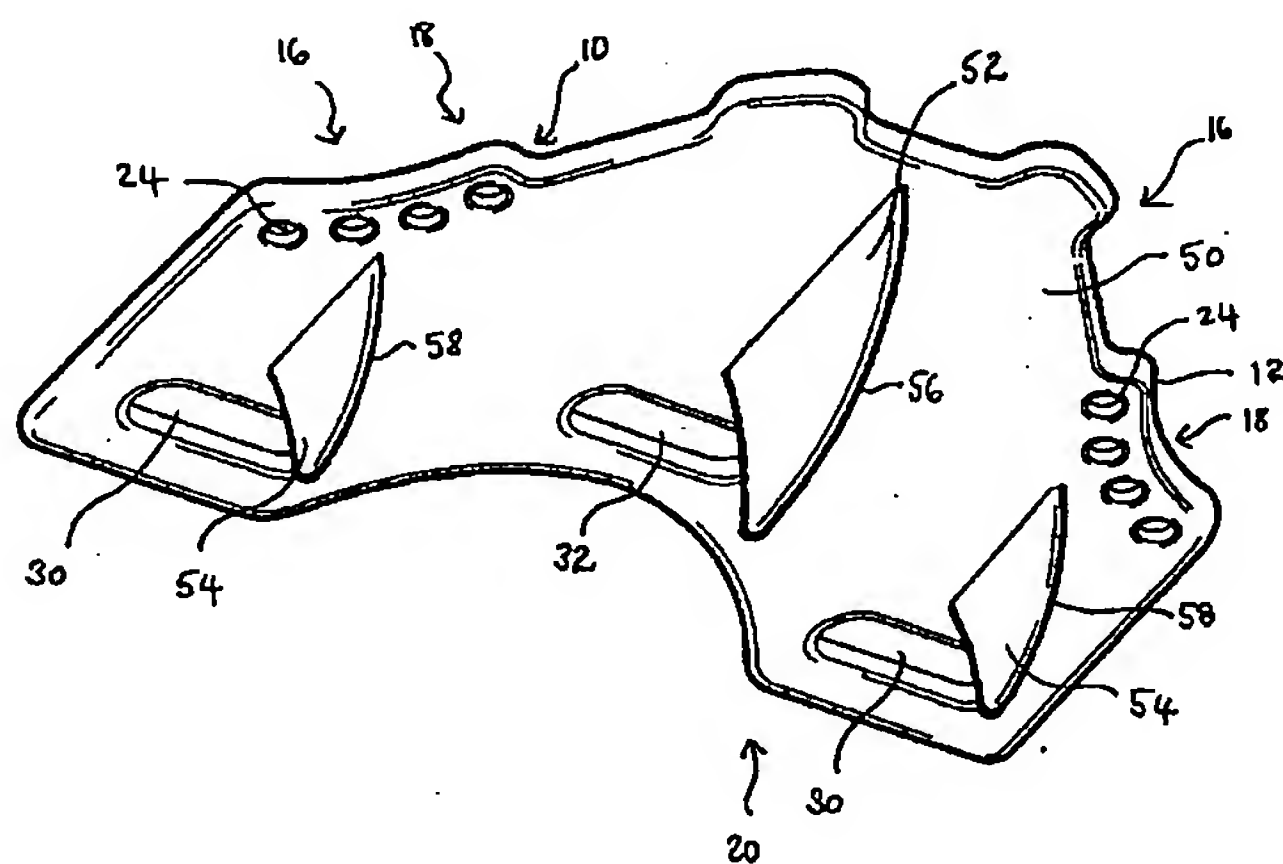
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO,
SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report

For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: TOWABLE RECREATIONAL WATER BOARD



(57) Abstract: The invention provides a recreational water board (10) for towing a person behind a watercraft on or below the surface of the water. The board comprises a substantially planar structure (12), having a pair of wings (16) respectively provided either side of a central axis of symmetry. The structure (12) has a leading edge (18) and a trailing edge (20), the leading edge (18) of each wing (16) being swept-back to give the board a hydro-dynamically-contoured profile. The board (10) further comprises one or more handgrips on the structure to enable the board to be firmly gripped while being towed, such as handgrips (30). The board (10) also comprises pairs of apertures (24) provided adjacent the leading edge 18 and arranged symmetrically on either side respectively of the central axis for attaching a tow bridle to the board. The pairs of apertures (24) define a pivot axis, perpendicular to the central axis, about which the board (10) may be tilted to enable the user to dive or resurface in the water, in use, depending on the direction of tilt. In one embodiment, the board (10) is provided with a central fin (56) and outer fins (54) on the underside of the planar structure (12).

WO 2005/082705 A1